| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|------------|-------|--|--|---------------------|---------|------------------|
| S1 | 20468 | zero near point | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/07/08 12:08 |
| S2 | 5530 | noise near cancel\$5 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/07/07 15:37 |
| S3 | 5 | (zero near point) same (noise near cancel\$5) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/07/07 10:41 |
| S4 | 1 | "20030002590" | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/07/07 11:01 |
| S5 | 98 | zero with (noise near cancel\$5) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/07/07 11:02 |
| S6 | 6 | 375/130-377.ccls. and (zero with (noise near cancel\$5)) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/07/07 11:04 |
| S 7 | 39 | 375/130-377.ccls. and (noise near cancel\$7) and interpolat\$6 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/07/07 11:05 |
| S8 | 39 | 375/130-377.ccls. and (noise near cancel\$7) and interpolat\$6 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/07/07 14:27 |
| S9 | 201 | 375/130-377.ccls. and (noise with interpolat\$6) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/07/07 13:56 |
| S10 | 14 | (375/130-377.ccls. and (noise with interpolat\$6)) and ((noise or interference or error) near cancel\$7) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/07/07 13:57 |
| S11 | 20 | ((interpolat\$5 or insert\$5) same transmi\$7) and (interpolat\$6 same receiver) and (noise near cancel\$8) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/07/07 14:28 |
| S12 | . 252 | (insert\$4 with sync\$9 with signal) same transmitter | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/07/07 15:40 |

| S13 | 0 | (noise near cancel\$5) and ((insert\$4 with sync\$9 with signal) same transmitter) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/07/07 15:37 |
|-----|-------|---|--|----|-----|------------------|
| S14 | 8 | ((noise or error or interference) near cancel\$5) and ((insert\$4 with sync\$9 with signal) same transmitter) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/07/07 15:39 |
| S15 | 11745 | ((noise or error or interference) near cancel\$8) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/07/07 15:39 |
| S16 | 9 | ((insert\$4 with sync\$9 with signal) same transmitter) and (((noise or error or interference) near cancel\$8)) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/07/07 15:40 |
| S17 | 334 | (insert\$4 with sync\$15 with signal) same transmitter | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/07/07 15:40 |
| S18 | 10 | ((insert\$4 with sync\$15 with signal) same transmitter) and (((noise or error or interference) near cancel\$8)) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/07/07 15:42 |
| S19 | 1 | interpolat\$7 and (((insert\$4 with sync\$15 with signal) same transmitter) and (((noise or error or interference) near cancel\$8))) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/07/08 15:52 |
| S20 | 2299 | 375/284,285,296,346.ccls. | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/07/08 15:53 |
| S21 | 898 | 375/286-292.ccls. | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/07/08 15:53 |
| S22 | 0 | 379/406.01+ | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/07/08 16:00 |
| S23 | 111 | 381/91.1,94.7,94.4.ccls. | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/07/08 16:00 |
| S24 | 230 | 704/213,228.ccls. | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/07/08 16:00 |

| | | | <u> </u> | T | T | |
|-----|-------|---|--|------|-----|------------------|
| S25 | 3495 | 375/284,285,296,346.ccls. or 375/286-292.ccls. or 381/91.1,94. 7,94.4.ccls. or 704/213,228.ccls. | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/24 19:24 |
| S26 | 234 | (375/284,285,296,346.ccls. or 375/286-292.ccls. or 381/91.1,94. 7,94.4.ccls. or 704/213,228.ccls.) and (noise near8 cancel\$9) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/07/08 16:24 |
| S27 | 154 | ((375/284,285,296,346.ccls. or 375/286-292.ccls. or 381/91.1,94. 7,94.4.ccls. or 704/213,228.ccls.) and (noise near8 cancel\$9)) and zero | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/07/08 16:01 |
| S28 | 23 | ((375/284,285,296,346.ccls. or 375/286-292.ccls. or 381/91.1,94. 7,94.4.ccls. or 704/213,228.ccls.) and (noise near8 cancel\$9)) and interpolat\$7 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/07/08 16:01 |
| S29 | 234 | (375/284,285,296,346.ccls. or 375/286-292.ccls. or 381/91.1,94. 7,94.4.ccls. or 704/213,228.ccls.) and (noise near8 cancel\$9) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/07/08 16:24 |
| S30 | 4 | ((375/284,285,296,346.ccls. or 375/286-292.ccls. or 381/91.1,94. 7,94.4.ccls. or 704/213,228.ccls.) and (noise near8 cancel\$9)) and point.drwd. | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/07/08 16:24 |
| S31 | 7 | ((375/284,285,296,346.ccls. or 375/286-292.ccls. or 381/91.1,94. 7,94.4.ccls. or 704/213,228.ccls.) and (noise near8 cancel\$9)) and (point or zero).drwd. | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/07/08 16:27 |
| S32 | 8 | ((375/284,285,296,346.ccls. or 375/286-292.ccls. or 381/91.1,94. 7,94.4.ccls. or 704/213,228.ccls.) and (noise near8 cancel\$9)) and (sync\$12).drwd. | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/07/08 16:30 |
| S33 | 329 | (signal near point).drwd. | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/07/08 16:30 |
| S34 | 76061 | interpolat\$7 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR . | OFF | 2004/07/08 16:30 |
| S35 | 7271 | noise near cancel\$9 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/07/08 16:30 |

| S36 | 0 | ((signal near point).drwd.) and interpolat\$7 and (noise near cancel\$9) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/07/08 16:32 |
|-----|-----|--|--|----|-----|------------------|
| S37 | 204 | noise near interpolat\$7 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/07/08 16:37 |
| S38 | 5 | (noise near cancel\$9) and (noise near interpolat\$7) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/07/08 16:37 |
| S39 | 0 | "20020064234".URPN. | USPAT | OR | OFF | 2004/07/08 16:35 |
| S40 | 1 | 1227597A2 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/07/08 16:36 |
| S41 | 9 | noise near interpolat\$7 near signal | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/07/08 16:37 |
| S42 | 1 | (noise near interpolat\$7 near signal).drwd. | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/07/08 17:16 |
| S43 | 654 | (zero near crossing) same transmitter | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/07/08 17:23 |
| S44 | 770 | (zero near crossing).drwd. | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/07/08 17:17 |
| S45 | 40 | ((zero near crossing) same transmitter) and ((zero near crossing).drwd.) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/07/08 17:17 |
| S46 | 1 | (((zero near crossing) same transmitter) and ((zero near crossing).drwd.)) and (noise near cancel\$9) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/07/08 17:24 |
| S47 | 7 | ((zero near crossing) same transmitter) and (noise near cancel\$9) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/07/08 17:21 |
| S48 | 7 | ((zero near crossing).drwd.) and (noise near cancel\$9) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/07/08 17:21 |

| S49 | 229 | (zero near crossing) and (noise near cancel\$9) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/07/08 17:23 |
|-----|--------|--|--|----|-----|------------------|
| S50 | 7 | ((zero near crossing).drwd.) and ((zero near crossing) and (noise near cancel\$9)) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/07/08 17:24 |
| S51 | 246 | inser\$5 with periodic with signal | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/07/08 17:25 |
| S52 | 7458 | noise near cancel\$9 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/07/08 17:25 |
| S53 | 0 | (inser\$5 with periodic with signal) and (noise near cancel\$9) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/07/08 17:25 |
| S54 | 246 | inser\$6 with periodic with signal | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/07/08 17:25 |
| S55 | 0 | (inser\$6 with periodic with signal) and (noise near cancel\$9) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/07/08 17:25 |
| S56 | 3728 | (inser\$5 with signal) same transmitter | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/07/08 17:25 |
| S57 | 12 | (noise near cancel\$9) and ((inser\$5 with signal) same transmitter) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/07/08 17:30 |
| S58 | 0 | "2003008455".URPN. | USPAT | OR | OFF | 2004/07/08 17:30 |
| S59 | 1619 | (periodic with signal) same transmitter | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/07/08 17:31 |
| S60 | 15 | (noise near cancel\$9) and ((periodic with signal) same transmitter) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/07/08 17:36 |
| S61 | 111154 | (inser\$5 or interpolat\$5) with signal | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/07/08 17:36 |

| S62 | 487 | (noise near cancel\$9) and ((inser\$5 or interpolat\$5) with signal) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/07/08 17:36 |
|-----|------|--|--|----|----|------------------|
| S63 | 4282 | ((inser\$5 or interpolat\$5) with signal) same transmitter | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/07/08 17:37 |
| S64 | 14 | (noise near cancel\$9) and (((inser\$5 or interpolat\$5) with signal) same transmitter) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/07/08 17:41 |
| S65 | 2170 | interpolat\$6 with noise | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/07/08 17:49 |
| S66 | 73 | (noise near cancel\$9) and (interpolat\$6 with noise) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/07/08 17:49 |
| S67 | 0 | ((noise near cancel\$9) and (interpolat\$6 with noise)) and (signal with inser\$6 with transmitter) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/07/08 17:49 |
| S68 | 1 | ((noise near cancel\$9) and (interpolat\$6 with noise)) and (inser\$6 with transmitter) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/07/08 20:16 |
| S69 | 9 | nyquist and (fiber near optic) and (noise near cancel\$7) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/07/08 20:24 |
| S70 | 0 | (nyquist near line) and (fiber near optic) and (noise near cancel\$7) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/07/08 20:19 |
| S71 | 0 | (nyquist near line) and (noise near cancel\$7) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/07/08 20:19 |
| S72 | 223 | (fiber near optic) and (noise near cancel\$7) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/07/08 20:24 |
| S73 | 9 | ((fiber near optic) and (noise near cancel\$7)) and nyquist | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/07/08 20:25 |

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|-----|-------|---|--|----|-----|------------------|
| S74 | 45 | 398/1-214.ccls. and (noise near cancel\$7) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/07/08 20:26 |
| S75 | 1 | (398/1-214.ccls. and (noise near cancel\$7)) and nyquist | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/07/09 11:12 |
| S76 | 13 | ("4835790" "5313497" "5351245" "5428832" "5428833" "5430894" "5485470" "5640401" "5727073" "5903615" "5995567" "6122015" "6154487").PN. | USPAT | OR | OFF | 2004/07/08 20:46 |
| S77 | 0 | "6501804".URPN. | USPAT | OR | OFF | 2004/07/08 20:54 |
| S78 | 9 | "798871" | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/07/09 11:12 |
| S79 | 8 | "987829" | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/07/09 11:14 |
| S80 | 20877 | zero near point | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/24 19:24 |
| S81 | 3599 | 375/284,285,296,346.ccls. or 375/286-292.ccls. or 381/91.1,94. 7,94.4.ccls. or 704/213,228.ccls. | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/24 19:24 |
| S82 | 39 | S80 and S81 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/24 19:24 |
| S83 | 179 | 375/363.ccls. | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/07/08 12:08 |
| S84 | 182 | 370/505.ccls. | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/07/08 12:08 |
| S85 | 333 | S83 S84 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/07/08 12:08 |

| S86 | 218 | S85 and inser\$4 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/07/08 12:08 |
|-----|------|--|--|----|-----|------------------|
| S87 | 188 | S85 and inser\$4 and synchroni\$7 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/07/08 12:09 |
| S88 | 10 | S85 and (inser\$4 near zero\$2) and synchroni\$7 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/07/08 12:12 |
| S89 | 11 | S85 and (inser\$4 near zero\$2) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/07/08 12:14 |
| S90 | 39 | S85 and (inser\$4 same extract\$4) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/07/08 12:22 |
| S91 | 3 | interpolat\$4 and S90 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/07/08 14:18 |
| S92 | 1124 | ((inser\$4 and extract\$4) with bit) and synchro\$9 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/07/08 14:18 |
| S93 | 311 | ((inser\$4 and extract\$4) with bit) same synchroni\$8 | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/08 14:47 |
| S94 | 7 | S93 and 375/363.ccls. | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/08 14:25 |
| S95 | 83 | S93 and 375/130-377.ccls. | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/08 14:27 |
| S96 | 0 | S95 and not3 | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/08 14:26 |

| S97 | 76 | S95 and (not S94) | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/08 14:26 |
|----------|----------|--|--|----|----|------------------|
| S98 | 76 | S97 and S93 | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/08 14:27 |
| S99 | 31 | ((inser\$4 and extract\$4) near bit) same synchroni\$8 | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/08 14:47 |
| S10 0 | 1 | "6501804".pn. and timing | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/03 17:41 |
| S10 1 | 2179 | frame and (synchroni\$6 same clock same pll) | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/03 17:41 |
| S10 2 | 1485 | (frame same synchroni\$6) and (synchroni\$6 same clock same pll) | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/03 17:42 |
| S10 3 | 188252 | parallel same data | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/03 17:42 |
| S10 4 | 467 | S102 and S103 | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/03 17:42 |
| S10 5 | 19924997 | @ad <= "20001126" | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/03 17:42 |
| S10 6 | 396 | S104 and S105 | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/03 17:43 |

| S10 7 | 3253 | pll same frame | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/03 17:43 |
|----------|------|---|--|----|----|------------------|
| S10 8 | 177 | S107 and S106 | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/03 17:46 |
| S10 9 | 16 | (parallel with channel) same frame same pll | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/03 17:47 |